

REMARKS

Applicant provides these Preliminary Remarks in reference to a continuation application of copending application number 10/041,010 filed on January 7, 2002 (Parent Application). In previous Office Actions regarding the Parent Application, the Examiner cited various prior art references against the then pending claims. The Examiner primarily focused on Glogan et al. (U.S. Patent No. 6,493,033 B1), Granitz (U.S. Patent No. 5,337,220), and Wilson et al. (U.S. Patent No. 6,282,099 B1). In order to expedite allowance of the present application, Applicant includes the following remarks to distinguish the art previously cited by the Examiner from the subject matter of the pending claims. Additionally, it should be noted that while some aspects of the exemplary embodiments are described in the following remarks, the remarks should not be read to limit the scope of the claims but instead should be read in light of the claims as presented.

Turning now to the claims, independent claim 1 recites, “[a] server, comprising ... a board holder operable to receive the circuit board and allowing access to the first electrical connector and the second electrical connector.” Moreover, claim 1 recites that the first and second electrical connectors are “disposed on a *first ... and ... second side* of the circuit board opposite the first side.” (Emphasis added). Similarly, independent claim 9 recites “[a] method of coupling a circuit board to a chassis of a server, comprising ... rotating the circuit board holder into a first position such that the circuit board is coupleable to an electrical component on *each* of a first side ... and second side of the circuit board.” (Emphasis added). Also similarly, independent claim 17 recites “[a] server, comprising ... means for coupling at least one electronic component to *each* of a first side of the circuit board and a second side ... opposite the first side.” (Emphasis added). The primary references previously cited by the Examiner, including Granitz and Glogan et al., do not obviate the presently pending claims as

will be discussed in detail below. Further, the Wilson et al. reference, also previously cited by the Examiner, likewise fails to obviate the pending claims. In fact, the Examiner previously cited Wilson et al. merely in reference to channel guides 34, 36 as part of a no longer pertinent argument presented by the Examiner in prior prosecution. *See* col. 3, line 54; app. no. 10/041,010, paper 8, page 3. Accordingly, Applicant respectfully asserts that no further discussion of Wilson et al. is warranted and the following remarks focus on explaining the deficiencies in the Granitz and Glogan et al. references.

Regarding the Granitz reference, in contrast to the present claims, Granitz merely discloses a hollow casing that can accommodate at least a portion of an electronic card and that allows for “interconnection of the contact pads 26, 28 on the electronic card 10 with the contact pads 64 on the printed circuit board 52” through an opening 82. Col. 5, lines 9-56. Accordingly, the Granitz reference is distinguished from what is presently claimed because it does not disclose “a board holder operable to receive the circuit board and provide access to the first electrical connector and the second electrical connector,” as recited in claim 1. This lack of accessibility is especially well illustrated by Figs. 3, 5, and 6 of the Granitz reference. According to Figs. 3, 5, and 6, the major side 70 appears to *prevent* the electronic card 10 from having access to each of a first *and* a second side, where the second side is opposite the first. Col. 6, lines 16-20. (Emphasis added). Accordingly, because the Granitz reference does not disclose the aforementioned aspects, Granitz does not obviate the present claims. Consequently, Applicant respectfully asserts that the claims as presented are valid and patentable.

Turning now to the Glogan et al. reference, in contrast to the pending claims, Glogan et al. merely discloses a door 32 “configured to completely receive and house [a] memory

card therein,” such that electrical connection between card connector 26 and memory card 12 is allowed through an aperture 46. Col. 4, lines 13-14; Col. 4, lines 65-67; col. 5, lines 1-4. Here again, as in the Granitz reference, there is a lack of access. As shown by Figs. 2, 3, 4, 6, and 7, exterior surface 34 *prevents* electrical component access to one side of the memory card 12. Col. 4, lines 53-55. Accordingly, “a circuit board accessible to an electrical component on each of a first side and a second side opposite the first side while disposed within a board holder” is not disclosed by Glogan et al. Therefore, Applicant respectfully asserts that the claims as presented are valid and patentable.

In view of the above remarks, Applicant respectfully asserts that independent claims 1, 9, and 17 each distinguish over prior art previously cited by the Examiner in Office Actions associated with the Parent Application. In view of the foregoing remarks, Applicant respectfully requests allowance of independent claims 1, 9, and 17. Further, because dependent claims 2-8, 10-16, and 18-20 depend from the independent claims 1, 9, and 17 respectively, and for additional unique elements contained in the individual dependent claims, Applicant respectfully requests allowance of all dependent claims.

Conclusion

If the Examiner believes that a telephonic interview will help speed this application toward issuance, the Examiner is invited to contact the undersigned at the telephone number listed below.

Respectfully submitted,

Date: October 28, 2003

A handwritten signature in black ink, appearing to read "Ralph A. Graham", written over a horizontal line.

Ralph A. Graham
Reg. No. 47,607
(281) 970-4545

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, Colorado 8-527-2400